

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099039.D
 Acq On : 3 Oct 2017 19:25
 Operator : SJ/JU
 Sample : I5496-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:39:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

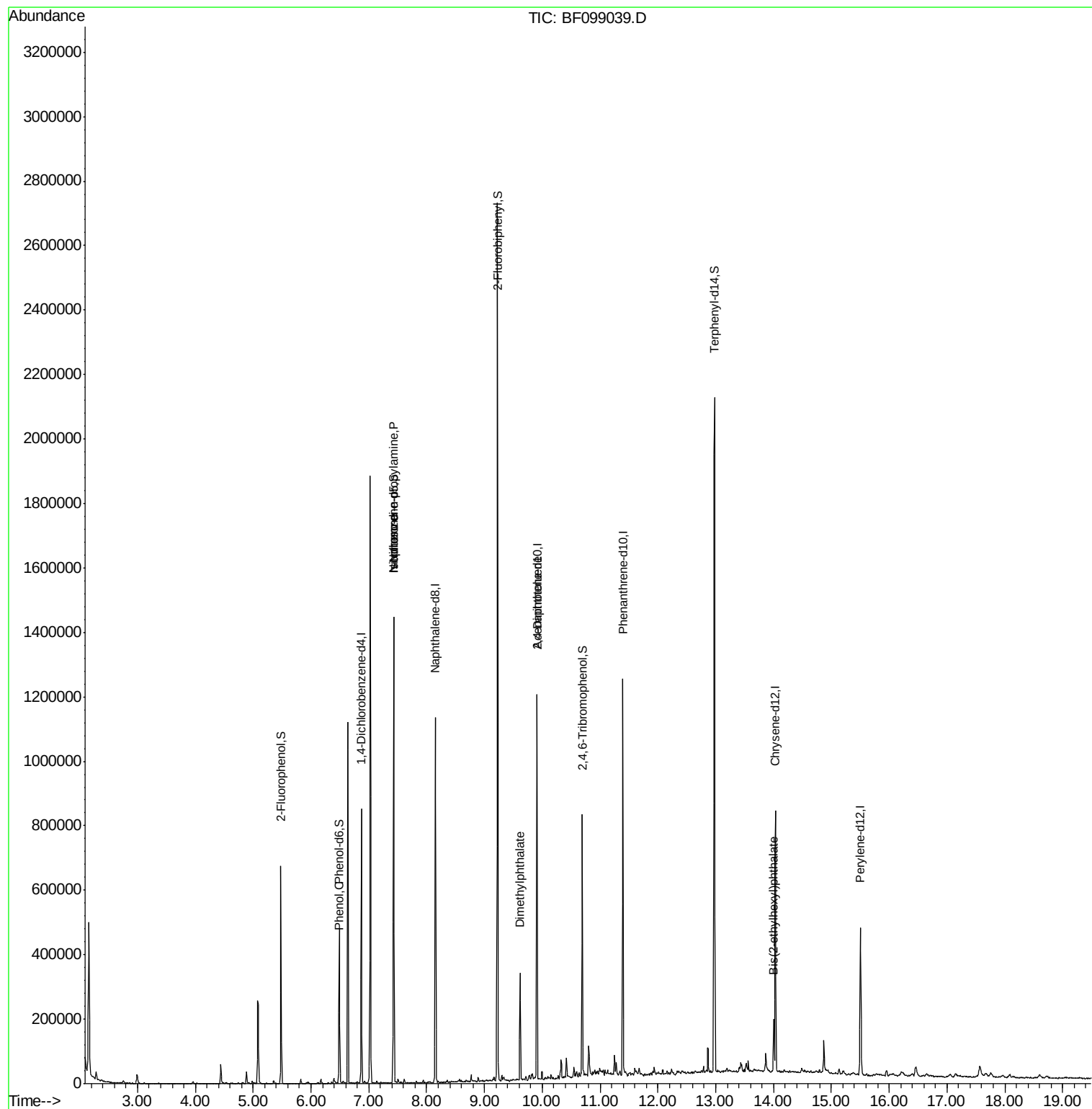
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	124876	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	510852	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	232411	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	401400	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	248436	20.00	ng	-0.05
86) Perylene-d12	15.50	264	189434	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	182422	23.25	ng	-0.06
7) Phenol-d6	6.49	99	142472	14.72	ng	-0.06
23) Nitrobenzene-d5	7.43	82	451308	56.66	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	76560	40.26	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	835028	59.98	ng	-0.05
78) Terphenyl-d14	12.98	244	659328	60.36	ng	-0.05
Target Compounds						
10) Phenol	6.50	94	42446	3.92	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.43	70	58330	9.44	ng	# 75
25) Isophorone	7.43	82	449295	27.28	ng	# 64
49) Dimethylphthalate	9.62	163	115330	6.57	ng	99
56) 2,4-Dinitrotoluene	9.91	165	28923	5.84	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.00	149	43382	3.54	ng	99

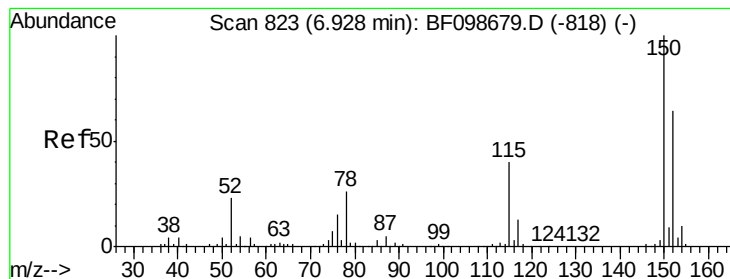
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

Instrument :

BNA_F

ClientSampled :

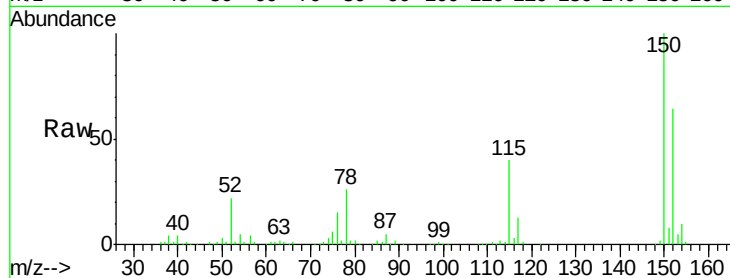
Tot Ion:152 Resp: 124876

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

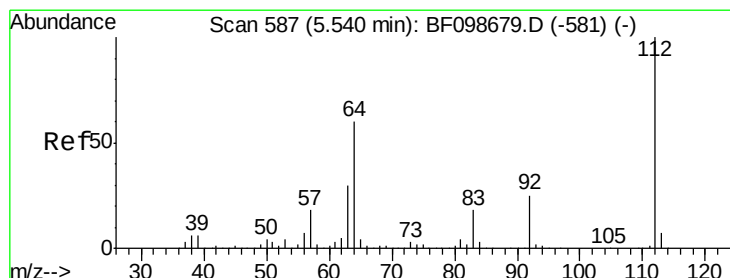
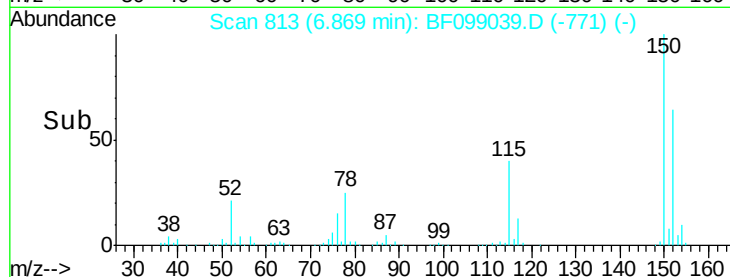
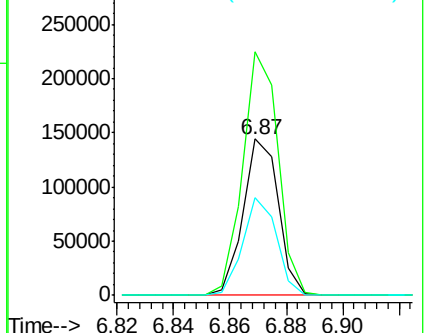
115 62.9 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 23.25 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.06 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

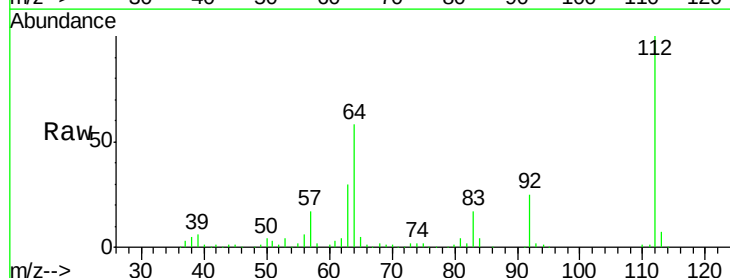
Tgt Ion:112 Resp: 182422

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

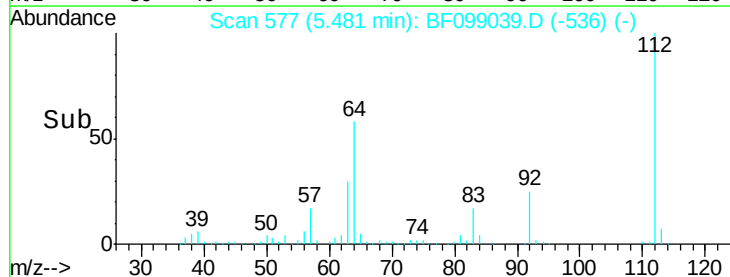
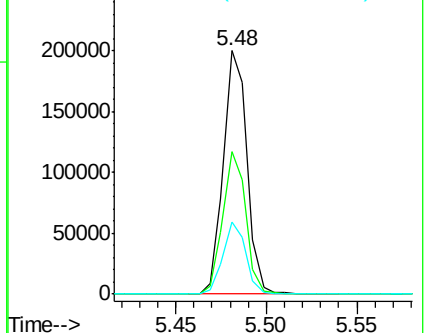
63 29.6 23.7 35.5

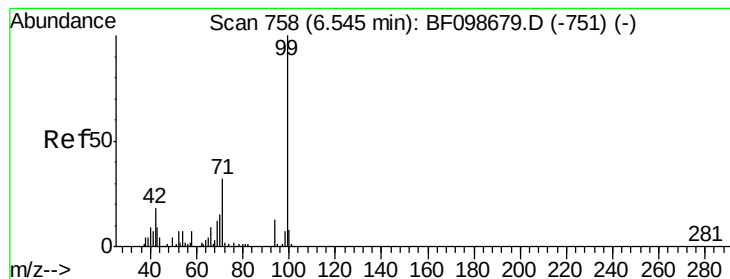


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.72 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

Instrument :

BNA_F

ClientSampled :

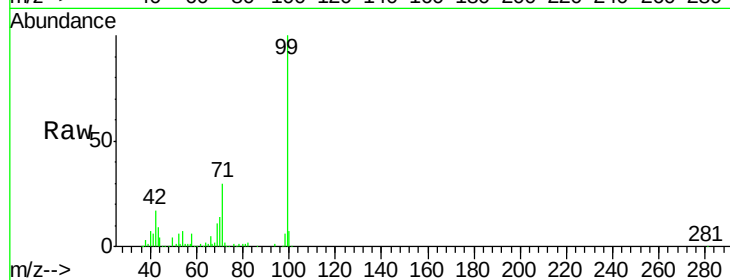
Tot Ion: 99 Resp: 142472

Ion Ratio Lower Upper

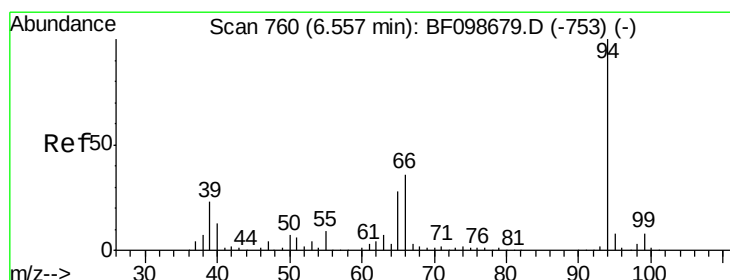
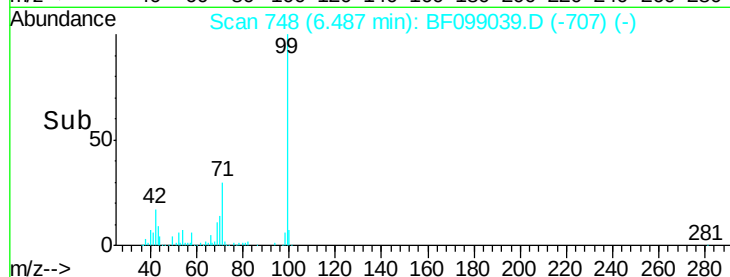
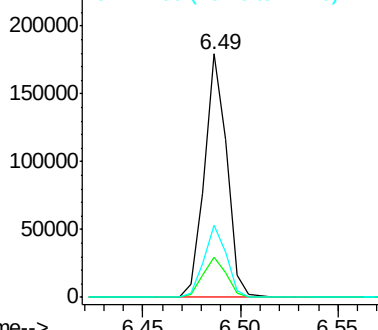
99 100

42 16.6 14.5 21.7

71 29.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.92 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.06 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

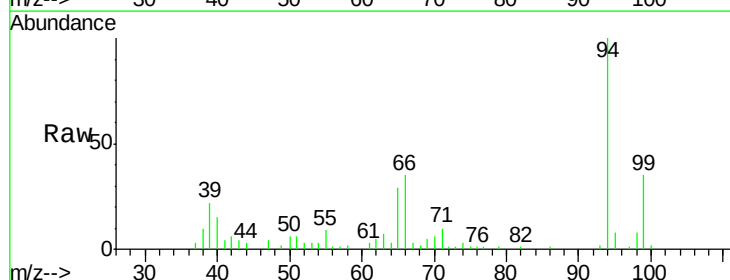
Tgt Ion: 94 Resp: 42446

Ion Ratio Lower Upper

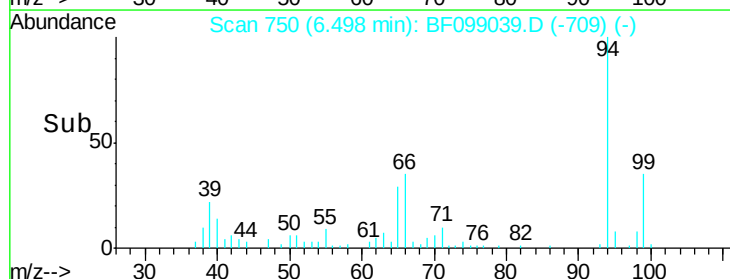
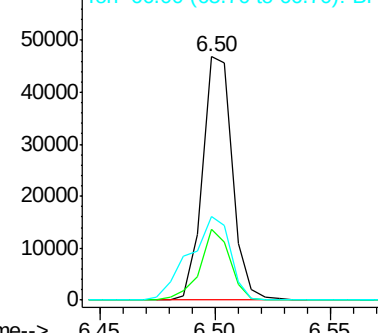
94 100

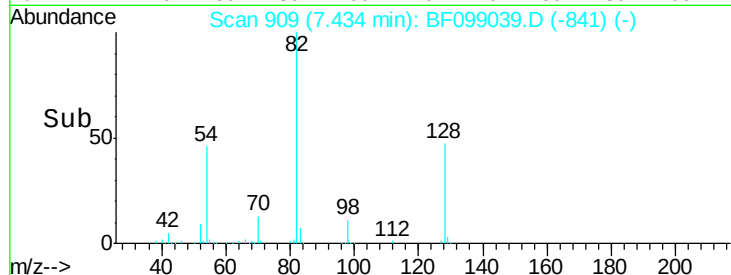
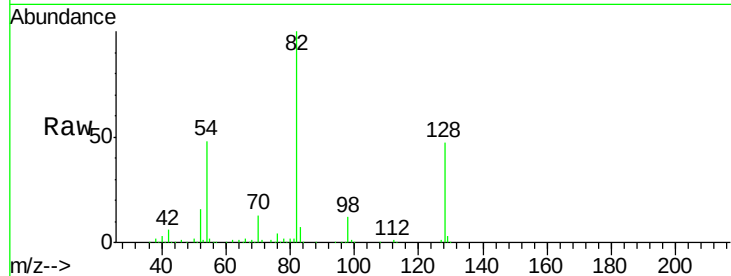
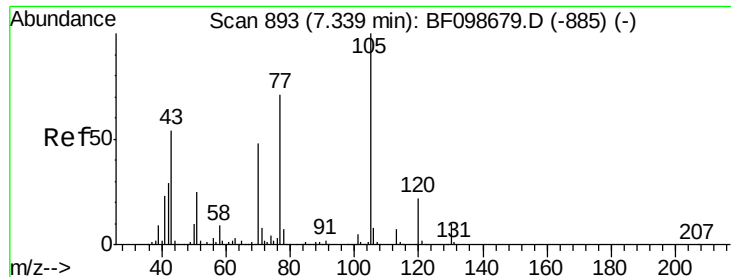
65 29.3 7.9 47.9

66 34.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

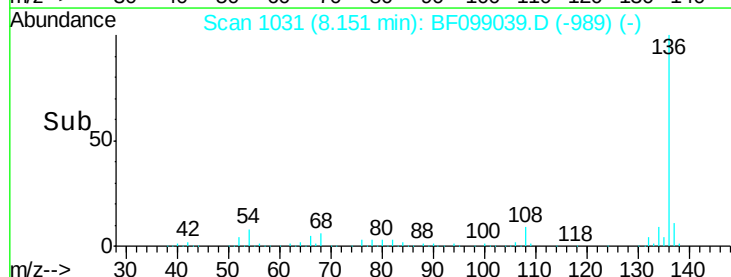
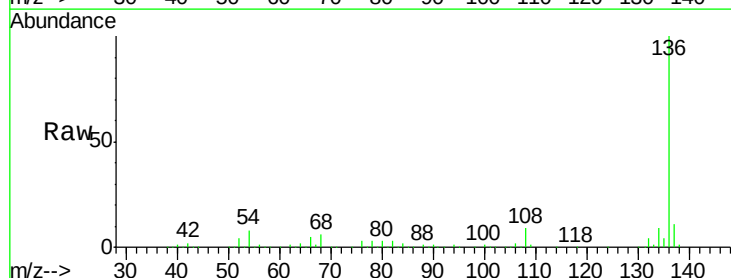
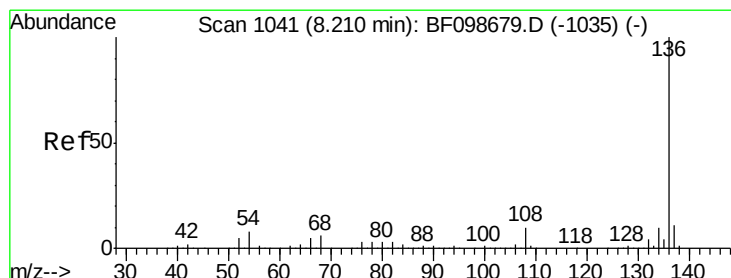
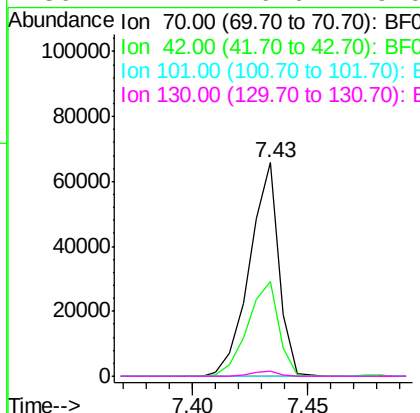




#19
n-Nitroso-di-n-propylamine
Concen: 9.44 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099039.D
Acq: 3 Oct 2017 19:25

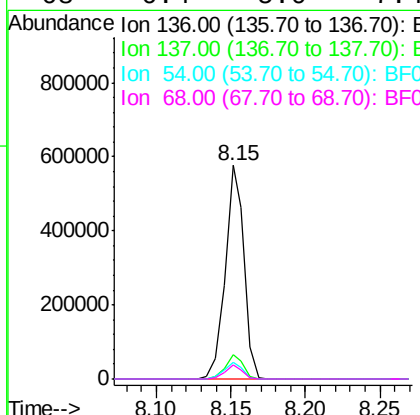
Instrument :
BNA_F
ClientSampleId :

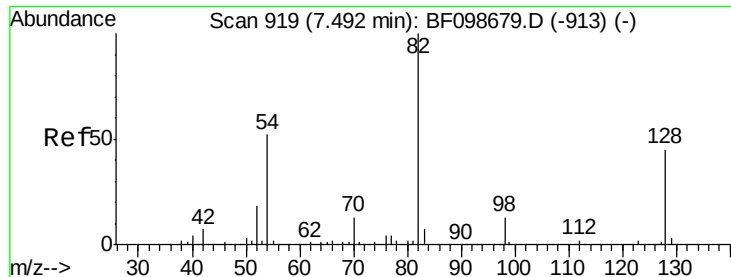
Tot Ion: 70 Resp: 58330
Ion Ratio Lower Upper
70 100
42 44.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099039.D
Acq: 3 Oct 2017 19:25

Tgt Ion:136 Resp: 510852
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 6.6 9.8
68 6.4 5.0 7.4

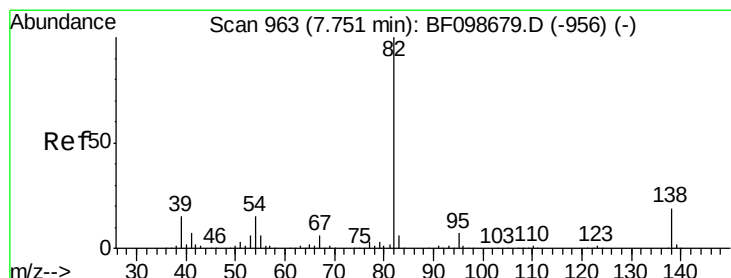
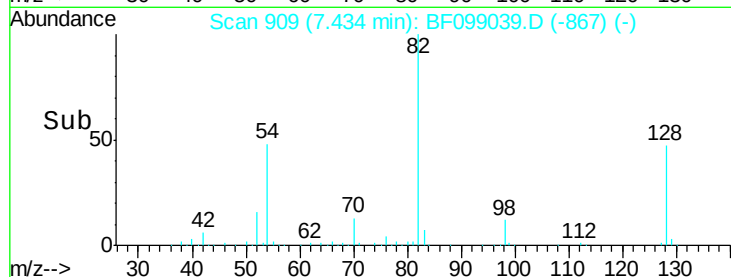
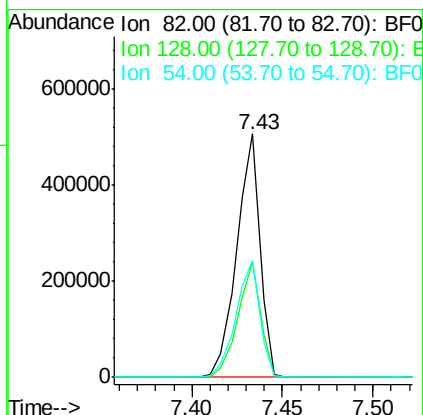
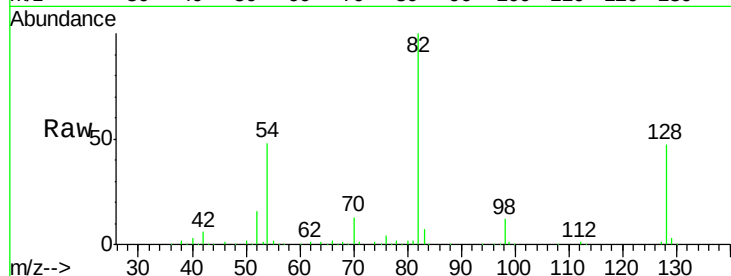




#23
 Nitrobenzene-d5
 Concen: 56.66 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.05 min
 Lab File: BF099039.D
 Acq: 3 Oct 2017 19:25

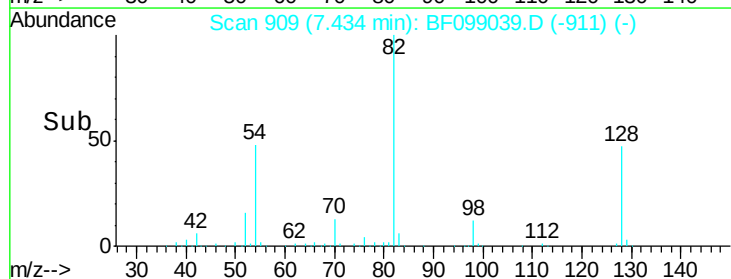
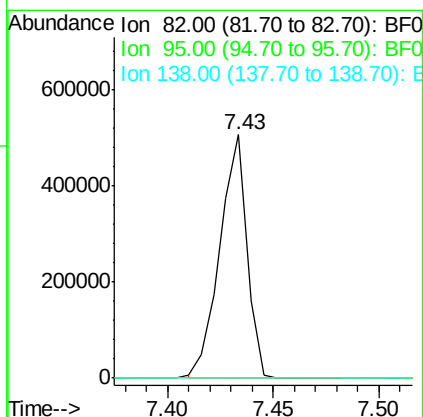
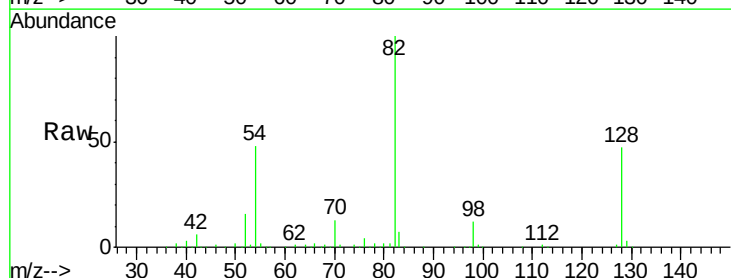
Instrument :
 BNA_F
 ClientSampleId :

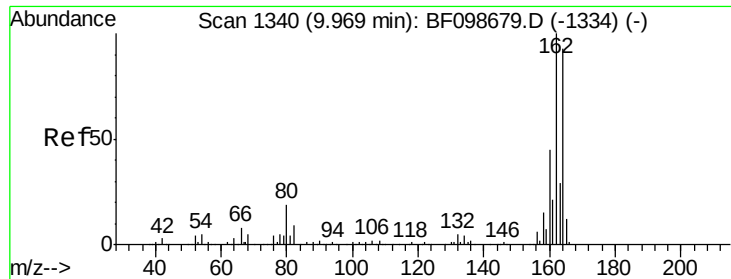
Tot Ion: 82 Resp: 451308
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 48.0 41.4 62.2



#25
 Isophorone
 Concen: 27.28 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.31 min
 Lab File: BF099039.D
 Acq: 3 Oct 2017 19:25

Tgt Ion: 82 Resp: 449295
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

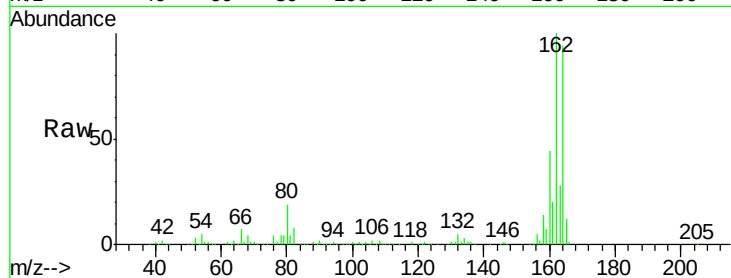




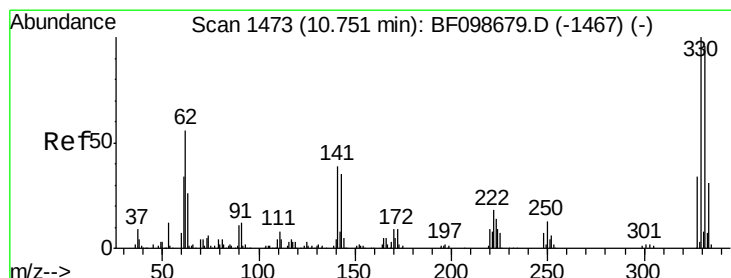
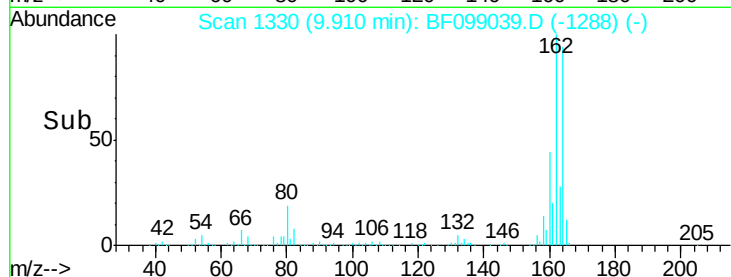
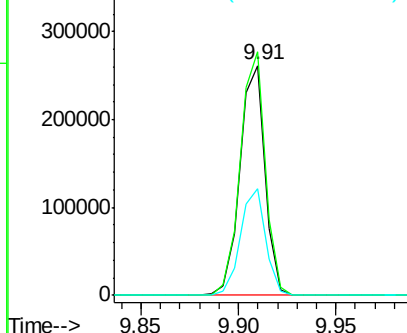
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099039.D
 Acq: 3 Oct 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 232411
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.5 38.3 57.5

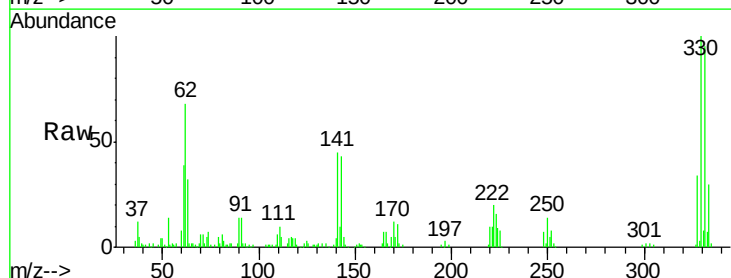


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

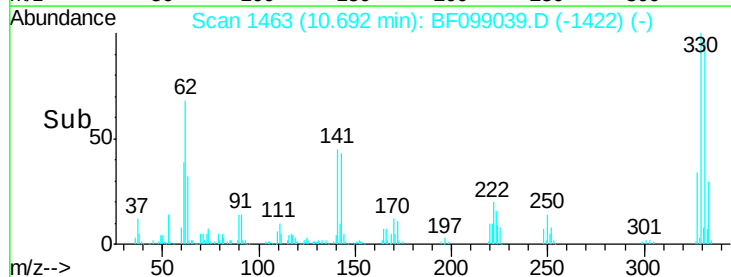
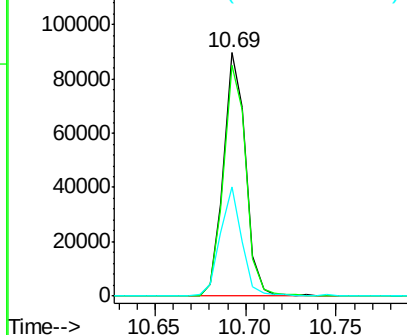


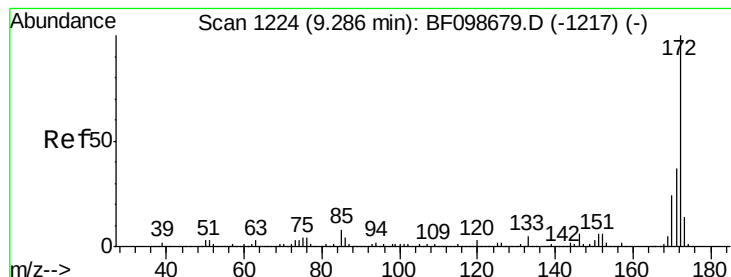
#41
 2,4,6-Tribromophenol
 Concen: 40.26 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099039.D
 Acq: 3 Oct 2017 19:25

Tgt Ion:330 Resp: 76560
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 43.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.98 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

Instrument :

BNA_F

ClientSampleId :

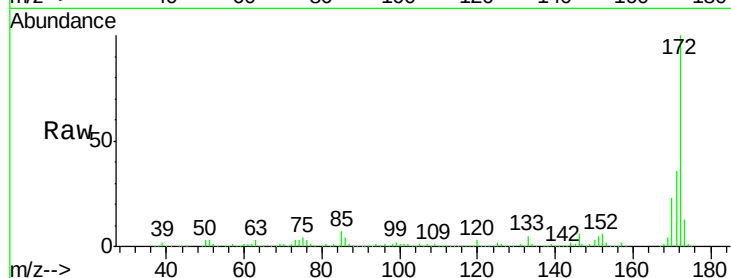
Tot Ion:172 Resp: 835028

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

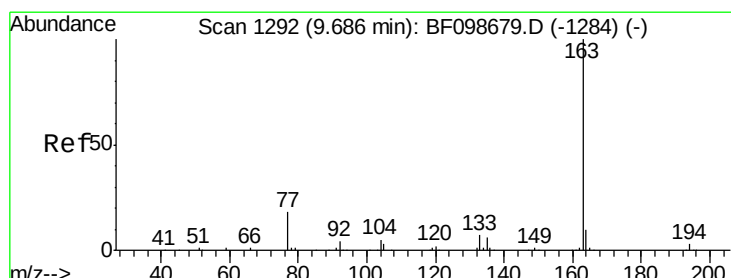
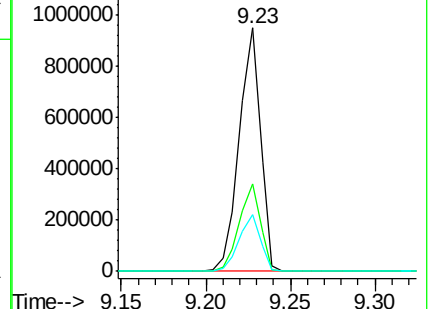
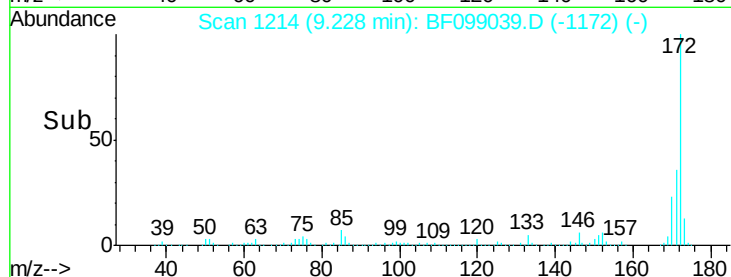
170 23.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 6.57 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

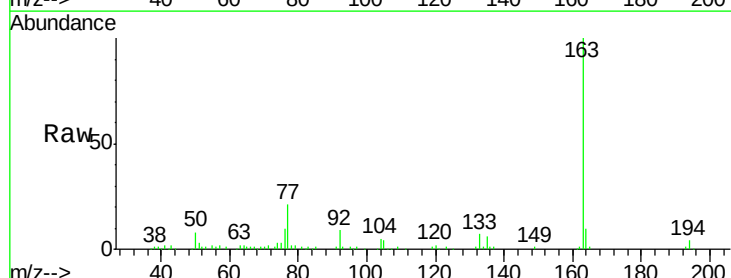
Tgt Ion:163 Resp: 115330

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

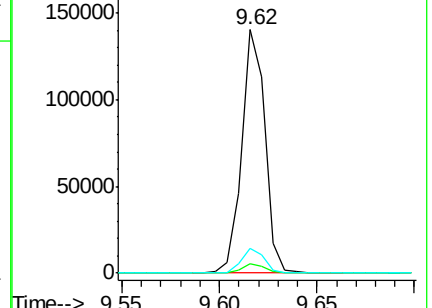
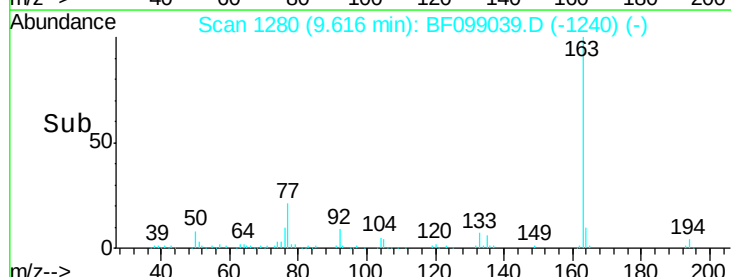
164 10.4 8.2 12.2

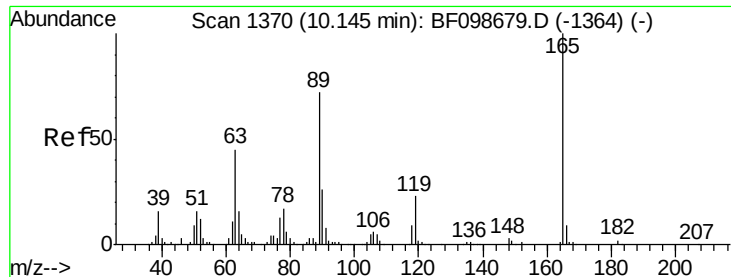


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.84 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.24 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 28923

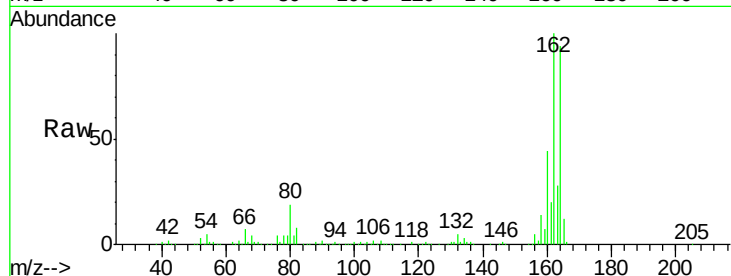
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

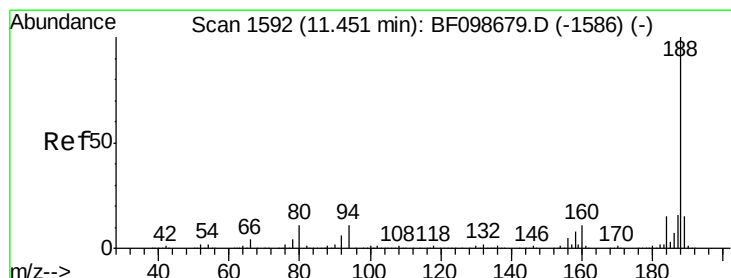
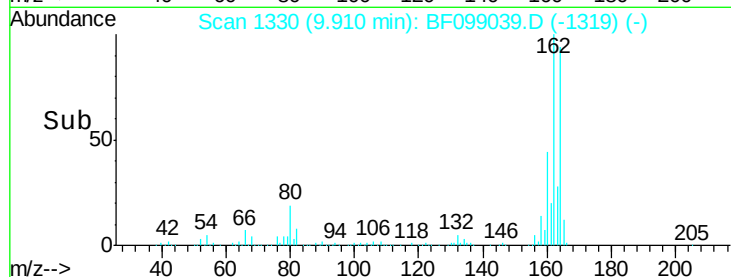
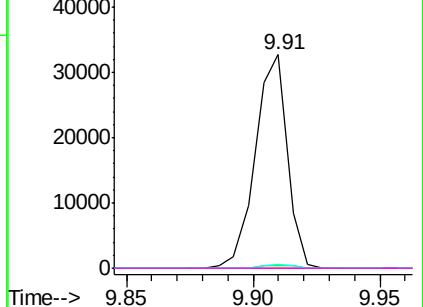


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

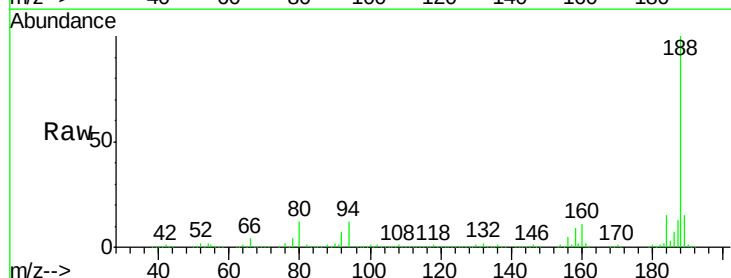
Tgt Ion:188 Resp: 401400

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

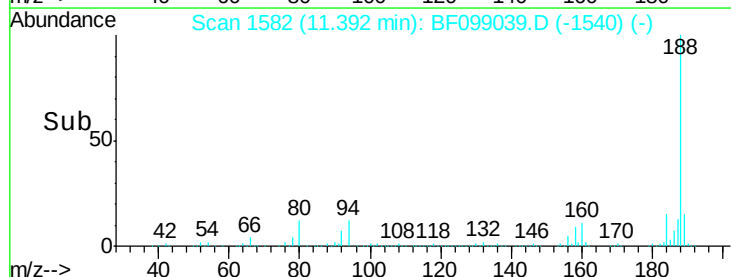
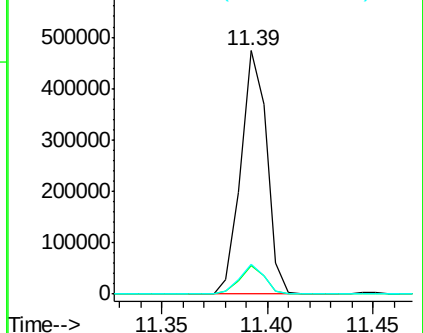
80 12.3 9.2 13.8

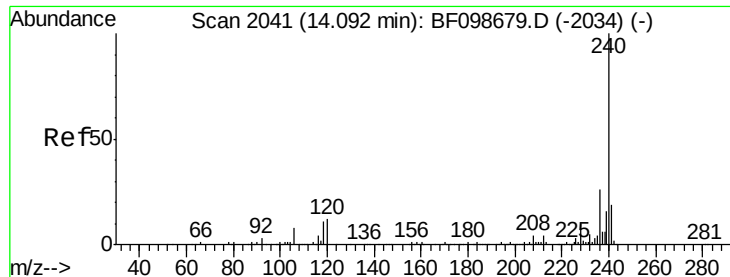


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

Instrument :

BNA_F

ClientSampleId :

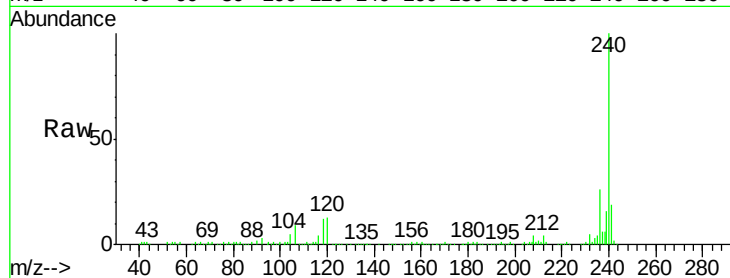
Tot Ion:240 Resp: 248436

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

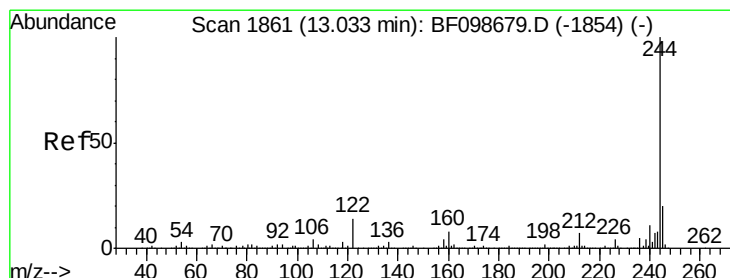
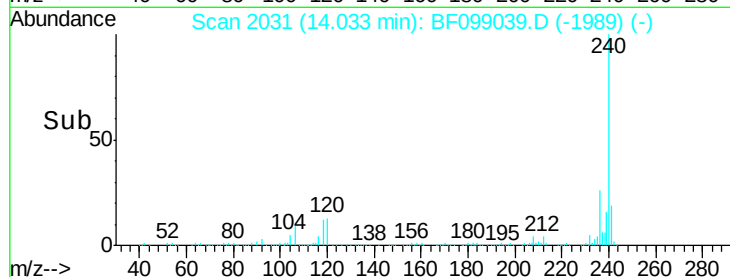
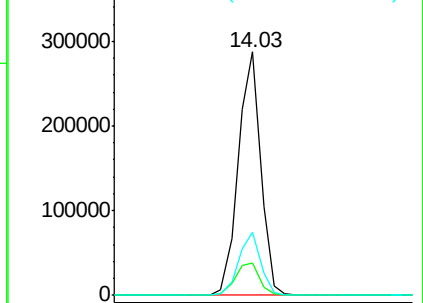
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 60.36 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099039.D

Acq: 3 Oct 2017 19:25

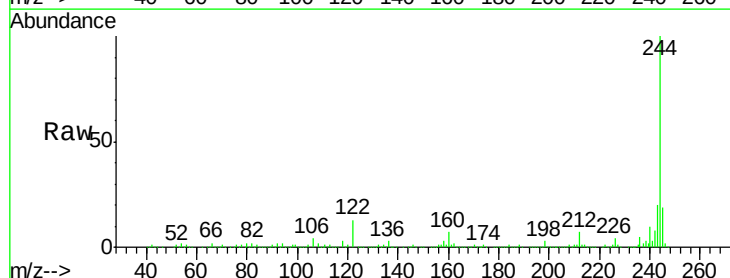
Tgt Ion:244 Resp: 659328

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

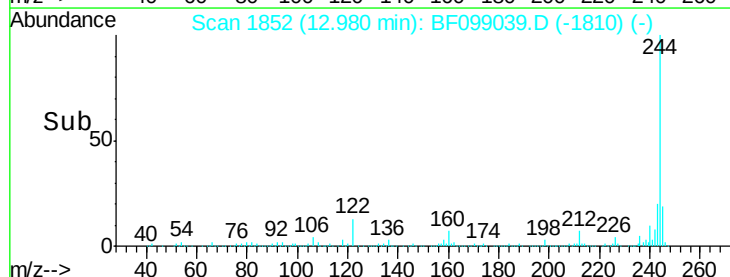
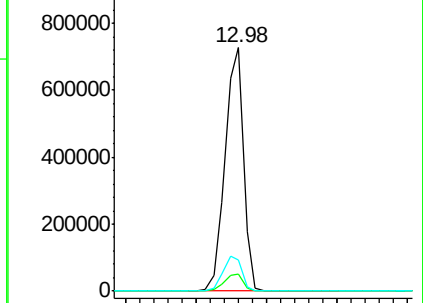
122 13.0 11.0 16.4

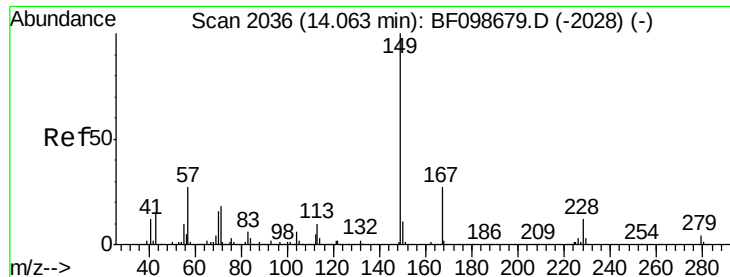


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

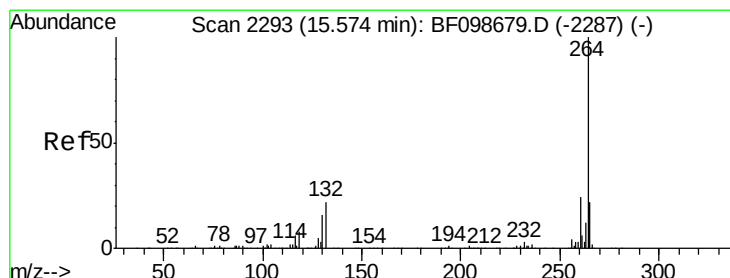
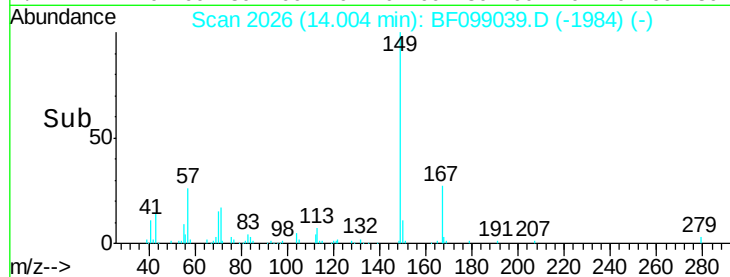
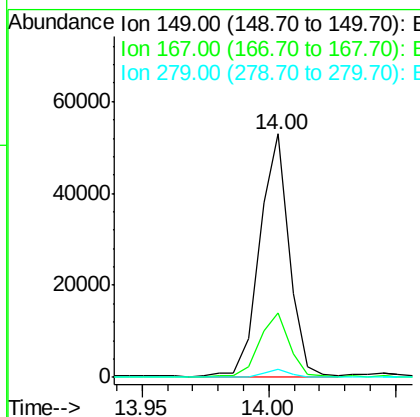
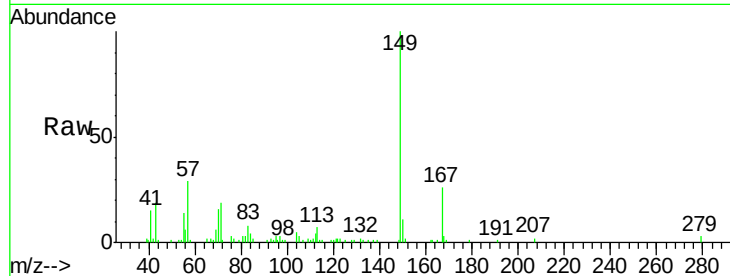




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.54 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF099039.D
 Acq: 3 Oct 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 43382
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.3 3.0 4.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.07 min
 Lab File: BF099039.D
 Acq: 3 Oct 2017 19:25

Tgt Ion:264 Resp: 189434
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.9 17.5 26.3

